



non-conserved  
similar  
 $\geq 50\%$  conserved  
all match

BoLA-DQA*012:01:01	CTCTGGGAGTGAAGACATTGTGGCT	84
BoLA-DQA*012:02:01	CTCTGGGAGTGAAGACATTGTGGCT	84
BoLA-DQA*012:03	.....CT	2
BoLA-DQA*001:01	CTCTGGGAGTGAAGACATTGTGGCT	84
BoLA-DQA*002:01	.....CT	2
BoLA-DQA*022:01	CAATGGAGGTGAAGACATTGTGGCT	84
BoLA-DQA*022:02:01	CAGTGGAGGTGAAGACATTGTGGCT	84
DQA_forward_primer	..STGGRRTGAAGACATYGTG...	20
DQA_reverse_primer	.....	0
consensus	* *****	

BoLA-DQA*012:01:01	GAGGTGACTGTGTTTTCCAAGTCTCC	365
BoLA-DQA*012:02:01	GAGGTGACTGTGTTTTCCAAGTCTCC	365
BoLA-DQA*012:03	GAGGTGACTGTGTTTTCCAAGTCTCC	283
BoLA-DQA*001:01	GAGATGACTGTGTTTCCAAGTCTCC	365
BoLA-DQA*002:01	GAGGTGACTGTGTTTTCCAAGTCTCC	283
BoLA-DQA*022:01	GAGGTGACTGTGTTTTCCAAGTCTCC	365
BoLA-DQA*022:02:01	GAGGTGACTGTGTTTTCCAAGTCTCC	365
DQA_forward_primer	.....	20
DQA_reverse_primer	...GTCRCTGTGTTYCCAARTC...	20
consensus	*****	